

Fig. 1



Location Based Internet

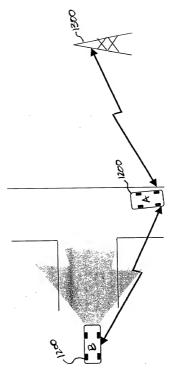
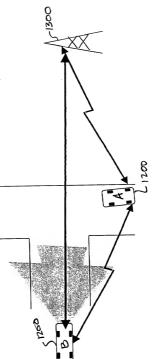


Fig. 3

Location Based Internet

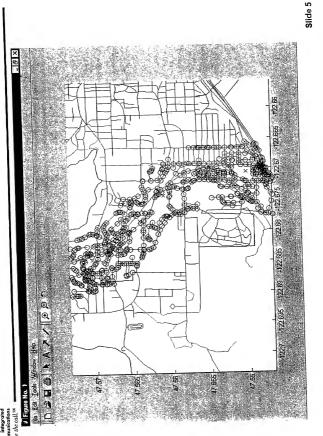
Broad Ban Portals Increased Situational Awarness Inter-vehicle Data Exchange Blue Tooth Access



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Slide 10

Fig. 5



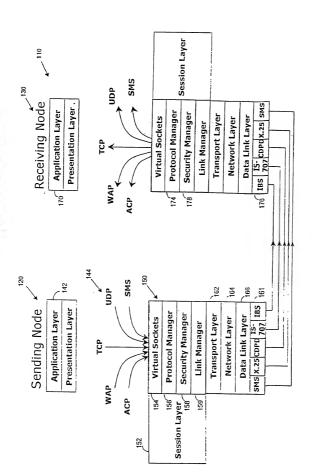
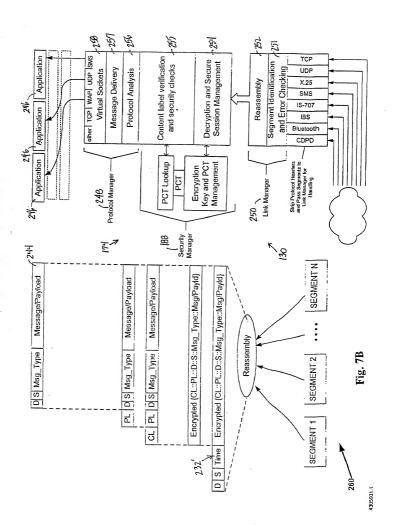


Fig. 6



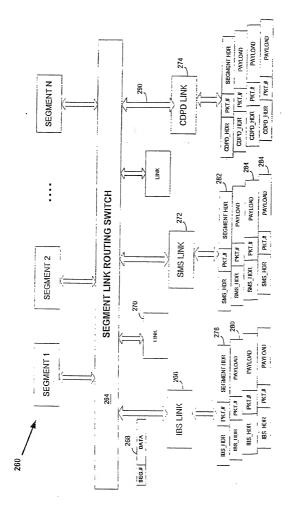
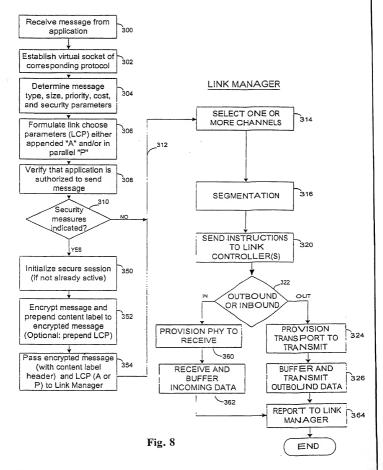
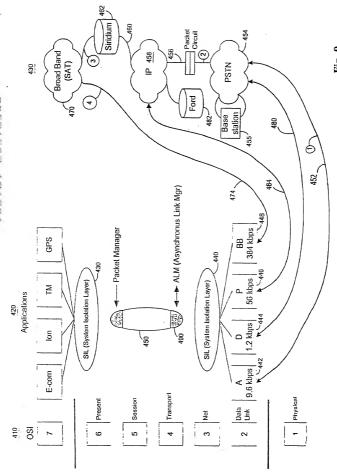
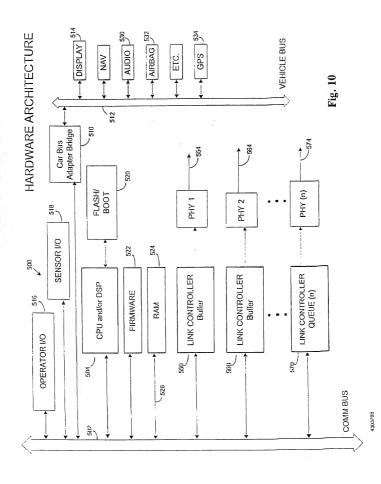


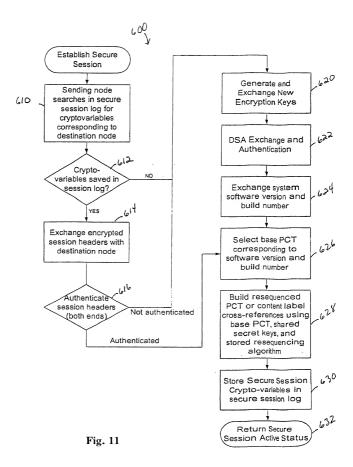
Fig. 70





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Call Center Node Process Flow

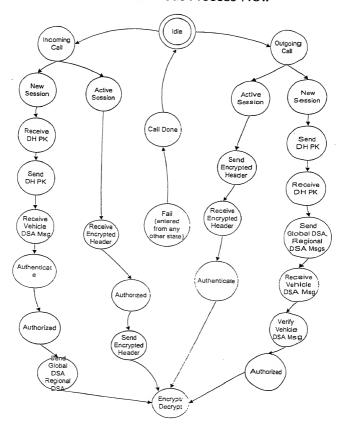
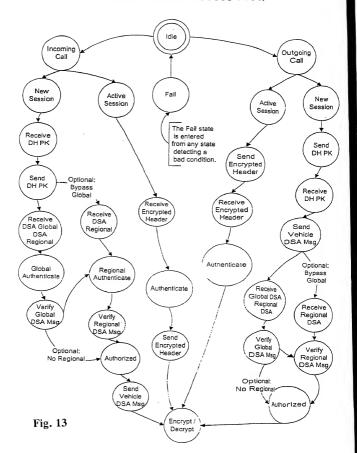


Fig. 12

Vehicle Node Process Flow



PCT)	
Table (-
Control	
Privilege	
Message	-
Incoming	
Node:	
Mobile	

Content		Source	Destination		Message	Security
Label (CL)	Source Address	Application	Application	Message Type	size (KB)	level (min)
0			(reserved)	(7)		
: -	Telephone Carrier	Telephone	Telephone	incoming call	> 10	low
,	Police	Stranded Assist	Security	Unlock	< 10	high
	PSAP	911 response	Location	location query	<10	mcdium
. 4	dS	Messaging	Email	email	10-5000	low
. ~	ISI	Local News	Operator I/O	weather report	50-200	medium
	ISP, vehicles	Traffic News	Operator I/O	congestion alert	50-300	low
7	Home	Mapping	Location	location query	< 10	medium
- 50	Auto Dealer Center	Maintenance	Convenience	software pateli	20-400	medium
6	Auto Dealer Center	Maintenance	Comfort	query diagnostics	20-50	medium
. 2	Auto Dealer Center	Maintenance	Location	software pateli	20-100	medium
=	Automaker Engr'g.	Gigine	Engine settings	adjust intake	150-200	high
12	Automaker Engr'g.	Safety	ABS settings	adjust braking	150-200	high
13	Auto Maintenance	Service Notify	Operator I/O	service due	20-40	medium
14	Auto Club	Security	Security	unlock	< I0	high
15	Auto Club	Roadside Assist	Location	location query	01 >	medium
91	(any)	Audio Delivery	Stereo	digital audio data	500-10000	low
17	State Trooper	Road Closures	Navigation	road closure notice	10-50	low
81						
:						

Fig. 14A

Fig. 14B

(PCT)	Content Source Destination Address Application Message Type size (KB) Level (min)		energency distress any off enail <5000 tow traffic flow data <20 medium	need roadside help 30-100 medium
ege Control Table	Destination 28s Application M	(reserved)	911 response Messaging Operator I/O, Traffic News	Call Center ne
Vehicle Node: Outgoing Message Privilege Control Table (PCT)	Destination Addra		PSAP - 911 call centering ISP mail server or (local vehicles, traffic police, media)	Roadside Assist Auto Club
ode: Outgoi	Source Application		Emergency Text messaging Traffic Monitor	Roadside Assi.
Vehicle No	Content Label (CL)	0	6 4 3	15

Fig. 14C

Content Source Label (CL) Application Destination Address Application Message Type size (KB) level (min) Content Security Security Security Notice Security Application Message Type size (KB) level (min) Is a security Security Security Application Application Message Security In the level (min) Application Message Security In the level (min) Application A
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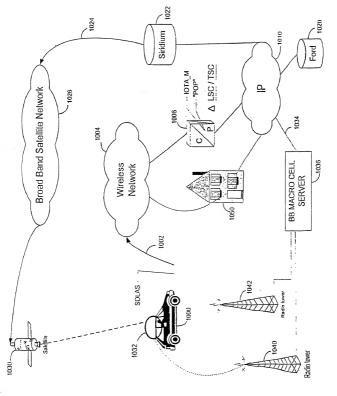


Fig. 15